



EXCESS SPOIL FILLS AND REFUSE EMBANKMENTS CONSTRUCTION CERTIFICATION

COMPANY NAME		Re	d River Coal (MIT NO.	1101401	
COMB	A T TALETATED	100	LIGINI CUAL	company, and	TEN	WILL INCO		
Fill Number	1		Type of Fill	VF				
Enter "A" if inspection; o	this Certification of the combination of the combin	on contion.	ncerns a critical st	age of construction; "B"	a quarterly i	nspection; "F" 3rd	a final Quarter 2007	F
	Removal of Organic Materials and Topsoil							
Distance in f	Distance in feet that clearing and grubbing operations precede spoil placement.							
Distance in f	eet that topsoil	remo	val operations pre	ecede spoil placement.		0		
Yes or No	Where applic	able,	enter the appropr	iate response to the follo	wing. If not a	pplicable, ent	er "NA".	
Y	Topsoil is rea	nove	l to competent sub	osoil or rock.				
Y	All topsoil is	being	stockpiled or pla	ced on completed portio	ns.			
			Placement of Un	derdrain System (attacl	h color photo	graphs)		
Height by wi	dth dimension	s (in 1	feet) of the underd	rain per the approved de	etailed plans.	2 ft. X 6 ft	•	
Actual const	ructed height b	y wid	th dimensions (in	feet) of the underdrain.		10+ ft. X 1	0+ ft.	
Yes or No	Where applic	able,	enter the appropri	ate response to the follo	wing. If not a	pplicable, ent	er "NA".	
Y	Durable rock	fill is	free of shale, fine	es, and other contaminan	ts.			
Y	The rock grad	ling is	s in accordance w	ith the approved design.				
N.A.	Rock is being	place	ed by selective ha	ndling from the toe of th	e fill.			
N.A.	The keyway	cut wa	s constructed in a	ccordance with the appr	oved design.			
N.A.	The rock toe	buttre	ess was constructe	d in accordance with the	approved de	sign.		
N.A.	The filter systems for the underdrain(s) were constructed in accordance with the approved design.							
N.A.	Lateral drains	were	placed to all spri	ngs and potential seeps.				
			Installati	on of the Surface Drain	age System			****
Y	Sediment por	ıds we	ere installed prior	to any fill construction d	listurbance.			774.1
Y	Temporary d	versi	on ditches, if appl	icable, were installed in	accordance v	vith the approv	ed design.	
Y	Y Permanent diversion ditches, side drains and terraces are installed in accordance with the approved designs, and					s, and		
Y	- are placed	on the	proper grade(s).				4845	
Y	- are constructed in accordance with the approved design dimensions.							
R; B	diversion dite	ĥes, a	and terraces by ent	on techniques used in the tering "R" for rock rip ra " for other (specify).				
77	Th:-	4-4		ations for double and area	dina			

The rip rap meets the design specifications for depth and grading.

Y

JHB183-D7

	Placement and Compaction of Materials				
Yes or No	Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".				
Y	The material is placed in 4 feet lifts or less as specified in the approved design.				
Y	The haulage vehicles are routed to achieve compaction.				
Average Comments	List other methods of compaction utilized in the fill construction.	Dozers spread material.			
	What is the percent of compaction?	N.A.			
	What is the moisture content of the material at the time of placement?	N.A.			
Y	Potentially toxic or acid forming material is being handled according to the approved plans.				
Y	This is a durable rock fill composed of 80% durable rock, and				
Y	- with the clay or shale dispersed properly.				
Y	- the spoil is dumped at the approved locations.				
N.A.	- the bench height above the completed portions are no greater than 50	feet.			
	Vegetation				
Y	Topsoiling and seeding are conducted concurrently with terrace completion.				
Y	Seeding is in accordance with the approved mixtures and rates.				
100%	Indicate the approximate percentage of ground cover.				
	Sketch of Fill(s) and Support Structure(s)			

following information:

1. approximate North.
2. outline of the fill area.

3. location of sediment control structure(s).

- 4. number and location of completed terraces.
- 5. the limits of organic material removal.
- 6. the limits of topsoil removal.
- 7. the location of any surface or ground water discharges.
- 8. the location of all underdrains and diversion ditches.
- 9. discuss any changes to be made, variations from the approved design, and any improper practices encountered.

Submit a sketch (on a separate sheet) of each fill and supporting structures which are subject to this certification. Include the

NOTE: Internal roads serve as

diversions above the fill.

Comments

Final certification, see attached drawing, no instability noted.

Certification by Registered Professional Engineer

I certify that the aforementioned fill is constructed and installed in accordance with the requirements of the Virginia Coal Surface Mining Reclamation Regulations and as per the approved design(s).

CERTIFIED BY: James Roger Jones Certification/Registration No. 008101

SIGNATURE: Date: 10-2-07

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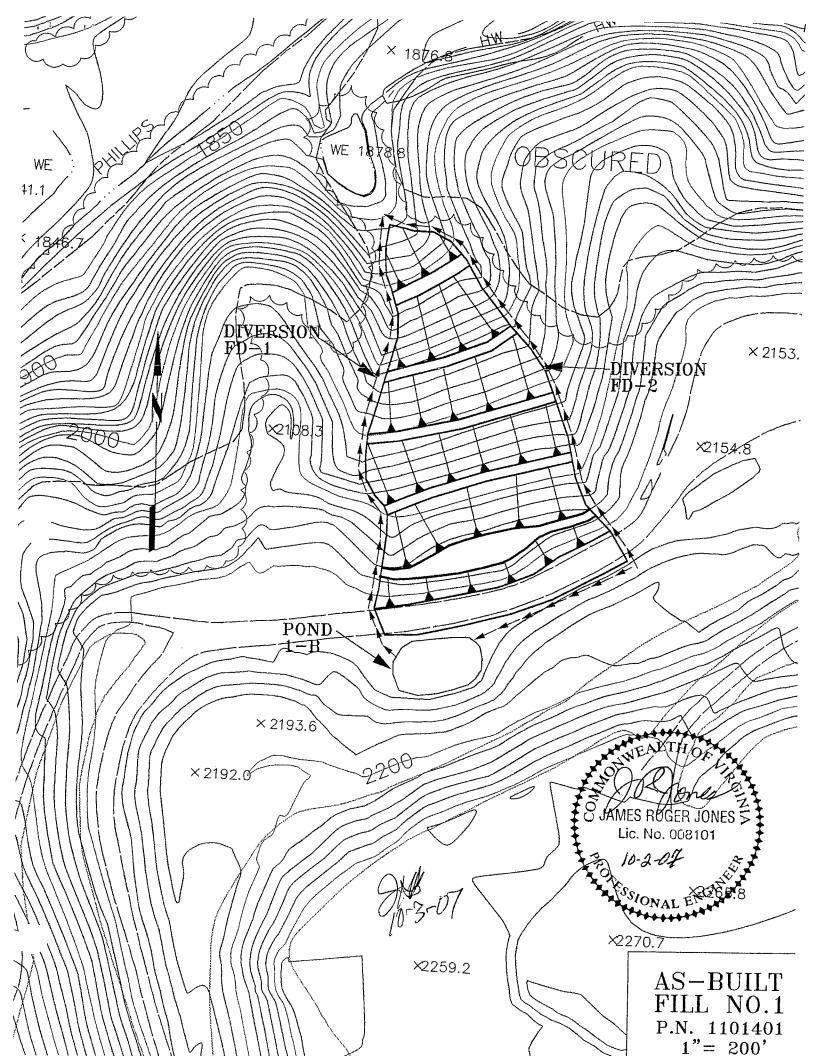
DMLR-PT-105

Rev. 4/96

S JAMES ROGER JONES 5 Lic. No. 008101

SONAL ENGIN

PN 1101401-FILL 1 VF







COMPANY NAME		Red River Coal	Company, Inc.	PER	MIT NO.	1101401	
Fill Number	2	Type of Fill	VF				
Enter "A" if inspection; o	this Certification "C" combinate	on concerns a critical stion.	tage of construction; "B"	a quarterly in	spection; "F' 3rd	" a final Quarter 2007	F
		Remova	al of Organic Materials	and Topsoil			
Distance in f	eet that clearing	g and grubbing operati	ions precede spoil placem	ent.)		
Distance in f	Distance in feet that topsoil removal operations precede spoil placement.						
Yes or No	Where applic	able, enter the approp	riate response to the follo	wing. If not a	pplicable, en	ter "NA".	
Y	Topsoil is ren	noved to competent su	bsoil or rock.				
Y	All topsoil is	being stockpiled or pl	aced on completed portion	ns.			
		Placement of U	nderdrain System (attacl	a color photog	graphs)		
Height by wi	dth dimensions	s (in feet) of the under	drain per the approved de	etailed plans.	3 ft. X 8 ft	.	
Actual constr	ructed height by	y width dimensions (in	n feet) of the underdrain.		4 ft. X 12	ft.	
Yes or No	Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".						
Y	Durable rock	is free of shale, fines,	and other contaminants.				
Y	The rock grad	ling is in accordance v	vith the approved design.				
Y	Rock is being	placed by selective ha	andling from the toe of the	e fill.			
N.A.	The keyway c	tut was constructed in	accordance with the appro	oved design.			
N.A.	The rock toe	buttress was constructe	ed in accordance with the	approved des	sign.		
N.A.	The filter syst	ems for the underdrain	n(s) were constructed in a	ccordance wi	th the approv	ed design.	
N.A.	Lateral drains	were placed to all spr	ings and potential seeps.				
		Installat	ion of the Surface Drain	age System			
Y	Sediment pon	ds were installed prior	to any fill construction d	listurbance.			
Y	Temporary di	version ditches, if app	licable, were installed in	accordance w	ith the appro	ved design.	
Y	Permanent diversion ditches, side drains and terraces are installed in accordance with the approved designs, and						
Y	- are placed on the proper grade(s).						
Y	- are construc	eted in accordance with	the approved design din	nensions.			
R; B	diversion ditc	adicate the type of erosion protection techniques used in the side drains, iversion ditches, and terraces by entering "R" for rock rip rap; "B" for ed rock; "V" for vegetation; and "O" for other (specify).					
N.A.	The rip rap m	rip rap meets the design specifications for depth and grading.					

	Placement and Compaction of Materials				
Yes or No	Yes or No Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".				
Y	The material is placed in 4 feet lifts or less as specified in the approved de	sign.			
Y	The haulage vehicles are routed to achieve compaction.				
	List other methods of compaction utilized in the fill construction.	Dozers spread material.			
	What is the percent of compaction?	N.A.			
	What is the moisture content of the material at the time of placement?	N.A.			
Y	Potentially toxic or acid forming material is being handled according to the approved plans.				
Y	This is a durable rock fill composed of 80% durable rock, and				
Y	- with the clay or shale dispersed properly.				
Y	- the spoil is dumped at the approved locations.				
N.A.	- the bench height above the completed portions are no greater than 50 fee	t.			
	Vegetation				
Y	Y Topsoiling and seeding are conducted concurrently with terrace completion.				
Y	Seeding is in accordance with the approved mixtures and rates.				
100%	100% Indicate the approximate percentage of ground cover.				
	Sketch of Fill(s) and Support Structure(s)				

Submit a sketch (on a separate sheet) of each fill and supporting structures which are subject to this certification. Include the following information: NOTE: Internal roads and mine benches serve as

1. approximate North.

2. outline of the fill area.

3. location of sediment control structure(s).

- 4. number and location of completed terraces.
- 5. the limits of organic material removal.
- 6. the limits of topsoil removal.
- 7. the location of any surface or ground water discharges.
- 8. the location of all underdrains and diversion ditches.
- 9. discuss any changes to be made, variations from the approved design, and any improper practices encountered.

diversions above the fill.

Comments

Final certification, see attached drawing, no instability noted.

Certification by Registered Professional Engineer

I certify that the aforementioned fill is constructed and installed in accordance with the requirements of the Virginia Coal Surface Mining Reclamation Regulations and as per the approved design(s).

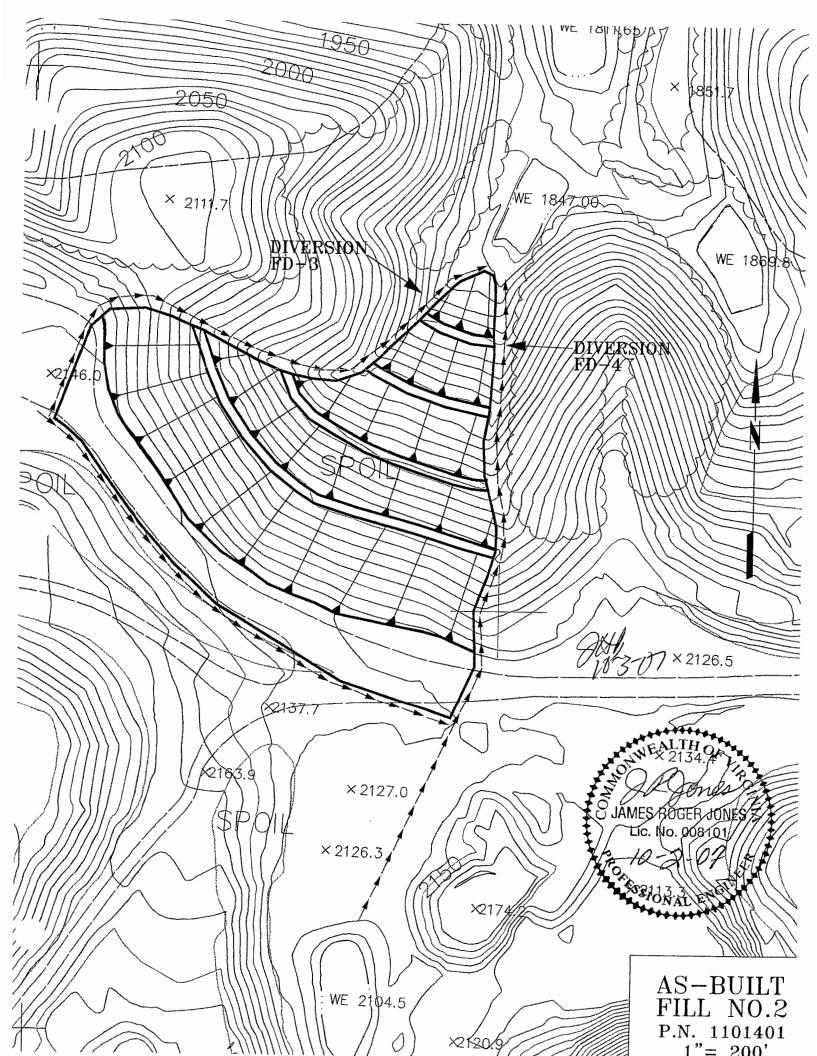
CERTIFIED BY: Certification/Registration No. 008101 James Roger Jones SIGNATURE: 10-2-07

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DMLR-PT-105

Rev. 4/96

JAMES ROGER JONES Lic. No. 008101







COMPAN	NY NAME Red River Coal Company, Inc. PEI		PERMIT NO.	1101401		
Fill Number	3	Type of Fill	VF			
			tage of construction; "B" a quar	rterly inspection: "F	" a final	
	r "C" combina			3rd	Quarter 2007 F	
·		Remova	l of Organic Materials and T	opsoil		
Distance in f	eet that clearin	g and grubbing operati	ons precede spoil placement.	0		
Distance in feet that topsoil removal operations precede spoil placement.						
Yes or No	Where applic	cable, enter the appropr	riate response to the following.	If not applicable, en	ter "NA".	
Y	Topsoil is rer	moved to competent su	bsoil or rock.			
Y	All topsoil is	being stockpiled or pla	aced on completed portions.			
		Placement of Ur	nderdrain System (attach color	r photographs)		
Height by wi	dth dimension	s (in feet) of the under	drain per the approved detailed	plans. 5 ft. X 10	ft.	
Actual constr	ucted height by	y width dimensions (in	n feet) of the underdrain.	10+ ft. X	20+ ft.	
Yes or No	Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".					
Y	Durable rock is free of shale, fines, and other contaminants.					
Y	The rock grad	ding is in accordance v	vith the approved design.			
N.A.	Rock is being	g placed by selective ha	andling from the toe of the fill.			
N.A.	The keyway	cut was constructed in	accordance with the approved d	lesign.		
N.A.	The rock toe	buttress was constructed	ed in accordance with the appro	ved design.		
N.A.	The filter sys	tems for the underdrain	n(s) were constructed in accorda	ance with the approv	ved design.	
N.A.	Lateral drains	s were placed to all spr	ings and potential seeps.			
		Installat	on of the Surface Drainage S	ystem		
Y	Sediment por	nds were installed prior	to any fill construction disturb	ance.		
Y	Temporary di	iversion ditches, if app	licable, were installed in accord	lance with the appro	ved design.	
N.A.	Permanent diversion ditches, side drains and terraces are installed in accordance with the approved designs, and					
N.A.	- are placed of	on the proper grade(s).				
N.A.	- are construc	- are constructed in accordance with the approved design dimensions.				
N.A.	diversion ditc	Indicate the type of erosion protection techniques used in the side drains, diversion ditches, and terraces by entering "R" for rock rip rap; "B" for bed rock; "V" for vegetation; and "O" for other (specify).				
N.A.	The rip rap m	neets the design specific	cations for depth and grading.			

JA41813-07

	Manual Connection of Materials				
	Placement and Compaction of Materials				
Yes or No	Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".				
Y	The material is placed in 4 feet lifts or less as specified in the approved of	lesign.			
Y	The haulage vehicles are routed to achieve compaction.				
	List other methods of compaction utilized in the fill construction.	Dozers spread material.			
	What is the percent of compaction?	N.A.			
	What is the moisture content of the material at the time of placement?	N.A.			
Y	Potentially toxic or acid forming material is being handled according to the approved plans.				
Y	This is a durable rock fill composed of 80% durable rock, and				
Y	- with the clay or shale dispersed properly.				
Y	- the spoil is dumped at the approved locations.				
N.A.	- the bench height above the completed portions are no greater than 50 fe	eet.			
Vegetation					
Y	Topsoiling and seeding are conducted concurrently with terrace completion.				
Y	Seeding is in accordance with the approved mixtures and rates.				
90%	Indicate the approximate percentage of ground cover.				
	Sketch of Fill(s) and Support Structure(s)				

Submit a sketch (on a separate sheet) of each fill and supporting structures which are subject to this certification. Include the following information:

1. approximate North.

2. outline of the fill area.

3. location of sediment control structure(s).

- 4. number and location of completed terraces.
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- 7. the location of any surface or ground water discharges.
- 8. the location of all underdrains and diversion ditches.
- 9. discuss any changes to be made, variations from the approved design, and any improper practices encountered.

NOTE: Internal roads and mine benches

serve as diversions above the fill.

Comments

Final certification, see attached drawing, no instability noted.

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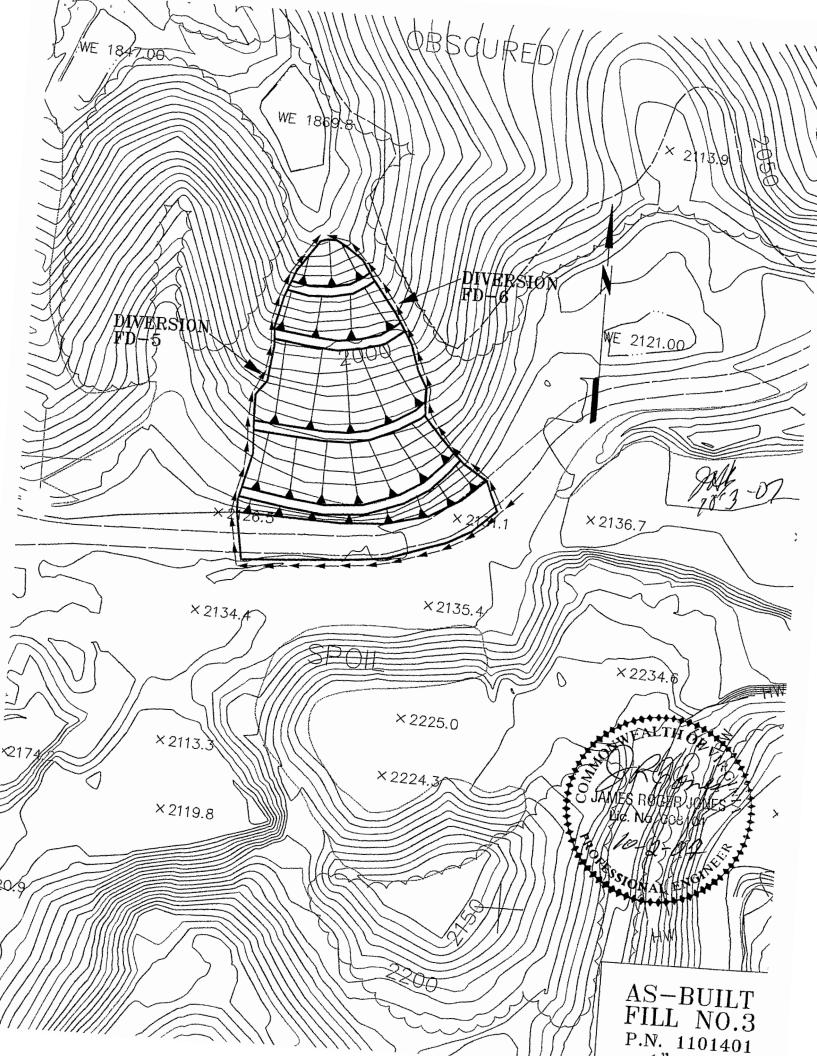
CERTIFIED BY: James Roger Jones Certification/Lic.No. 008101

SIGNATURE: Date: 10-2-07

PLACE SEAL HERE

JAMES ROGER JONES

SSIONAL ENG







	COMPANY NAME	Red River Coal Company, Inc.	PERMIT NO.	1101401
-				

Fill Number	4	Type of Fill	VF	,		
	this Certification corr "C" combination.	ncerns a critical s	tage of construction; "B" a c	uarterly in	spection; "F" a final 3rd Quarter 2007 F	
		Remova	l of Organic Materials and	l Topsoil		
Distance in f	eet that clearing and	grubbing operati	ons precede spoil placement	. 5	50	
Distance in f	eet that topsoil remo	val operations pr	ecede spoil placement.	5	50	
Yes or No	Where applicable,	enter the appropr	iate response to the following	ng. If not a	pplicable, enter "NA".	
Y	Topsoil is remove	d to competent su	bsoil or rock.			
Y	All topsoil is being	g stockpiled or pla	aced on completed portions.			
		Placement of Un	derdrain System (attach co	olor photog	graphs)	
Height by wi	dth dimensions (in	feet) of the under	Irain per the approved detail	led plans.	2 ft. X 6 ft.	
Actual constr	ucted height by wid	th dimensions (ir	feet) of the underdrain.		4 ft. X 15 ft.	
Yes or No	Where applicable,	enter the appropr	iate response to the following	g. If not a	oplicable, enter "NA".	
Y	Durable rock is free of shale, fines, and other contaminants.					
Y	The rock grading is in accordance with the approved design.					
N.A.	Rock is being plac	ed by selective ha	ndling from the toe of the fi	11.		
N.A.	The keyway cut wa	as constructed in	accordance with the approve	d design.		
N.A.	The rock toe buttre	ess was constructe	ed in accordance with the ap	proved des	sign.	
N.A.	The filter systems	for the underdrain	(s) were constructed in acco	rdance wit	th the approved design.	
N.A.	Lateral drains were	placed to all spr	ings and potential seeps.			
		Installati	on of the Surface Drainag	e System		
Y	Sediment ponds w	ere installed prior	to any fill construction distr	ırbance.		
Y	Temporary diversi	on ditches, if appl	icable, were installed in acc	ordance w	ith the approved design.	.,.
N.A.	Permanent diversion ditches, side drains and terraces are installed in accordance with the approved designs, and				d	
N.A.	- are placed on the proper grade(s).					
N.A.	- are constructed i	n accordance with	the approved design dimen	sions.		
N.A.	diversion ditches,	and terraces by en	on techniques used in the sid tering "R" for rock rip rap; ' O" for other (specify).			
N.A.	The rip rap meets t	he design specific	cations for depth and grading	Ξ.		

Mb 10-3-07

NOTE: Internal roads and mine benches serve

as diversions above the fill.

	Placement and Compaction of Materials	10.3°D /		
Yes or No	Yes or No Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".			
N.A.	The material is placed in 4 feet lifts or less as specified in the approved	design.		
Y	The haulage vehicles are routed to achieve compaction.			
	List other methods of compaction utilized in the fill construction.	Dozers spread material.		
	What is the percent of compaction?	N.A.		
	What is the moisture content of the material at the time of placement?	N.A.		
Y	Potentially toxic or acid forming material is being handled according to	the approved plans.		
Y	This is a durable rock fill composed of 80% durable rock, and			
Y	- with the clay or shale dispersed properly.			
Y	- the spoil is dumped at the approved locations.			
Y	- the bench height above the completed portions are no greater than 50 f	Geet.		
	Vegetation			
Y	Topsoiling and seeding are conducted concurrently with terrace completion.			
Y	Seeding is in accordance with the approved mixtures and rates.			
100%	Indicate the approximate percentage of ground cover.			
	Sketch of Fill(s) and Support Structure(s)			

Submit a sketch (on a separate sheet) of each fill and supporting structures which are subject to this certification. Include the following information:

- 1. approximate North.
- 2. outline of the fill area.
- 3. location of sediment control structure(s).
- 4. number and location of completed terraces.
- 5. the limits of organic material removal.
- 6. the limits of topsoil removal.
- 7. the location of any surface or ground water discharges.
- 8. the location of all underdrains and diversion ditches.
- 9. discuss any changes to be made, variations from the approved design, and any improper practices encountered.

Comments

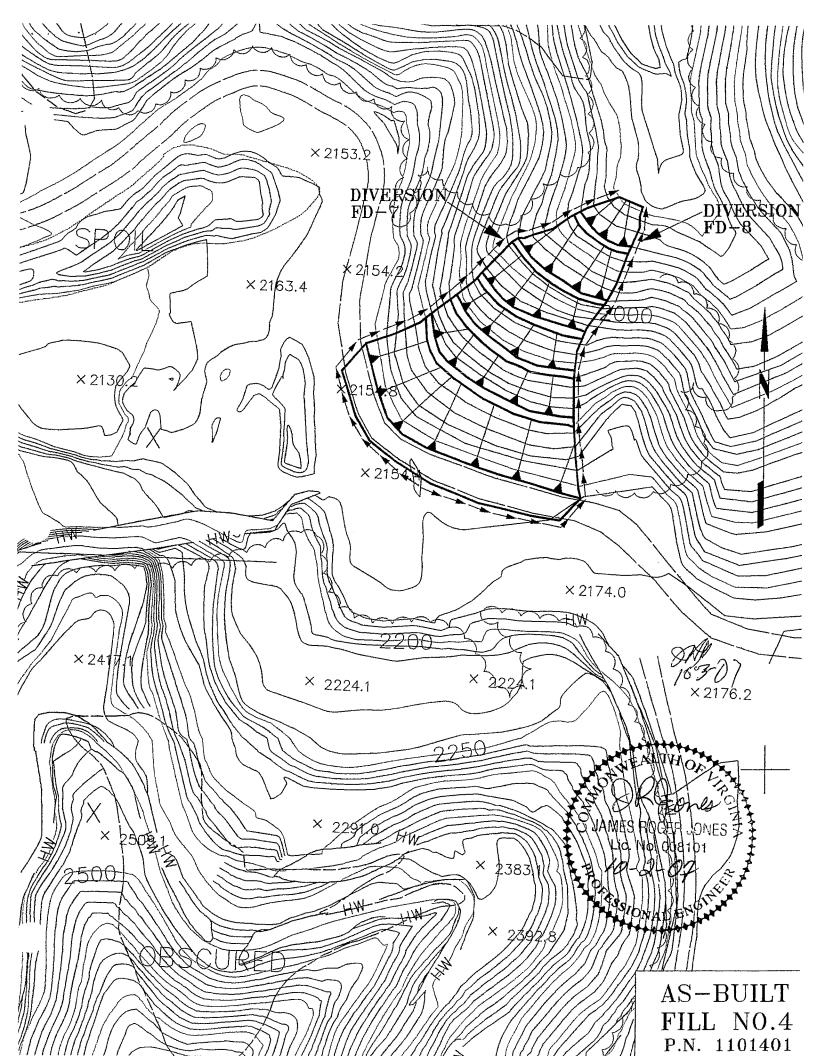
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I certify that the aforementioned fill is constructed and installed in accordance with the requirements of the Virginia Coal Surface Mining Reclamation Regulations and as per the approved design(s). CERTIFIED BY: James Roger Jones Certification/Lic.No. 008101 SIGNATURE: Date: 10-2-07

PLACE SEAL HERE

JAMES ROGER JONES Lic. No. 008101

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COMPANY NAME Red River Coal Company, Inc.	PERMIT NO.	1101401
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Fill Number	5	Type of Fill	VF				
	this Certification cor r "C" combination.	ncerns a critical sta	age of construction; "B" a quarterly	inspection; "F" a final 3rd Quarter 2007	F		
		Removal	of Organic Materials and Topsoi	1			
Distance in f	eet that clearing and	grubbing operation	ns precede spoil placement.	0	. 1		
Distance in f	Distance in feet that topsoil removal operations precede spoil placement.						
Yes or No	Where applicable,	enter the appropri	ate response to the following. If not	applicable, enter "NA".			
Y	Topsoil is removed	to competent sub	soil or rock.				
Y	All topsoil is being	stockpiled or place	ced on completed portions.				
	Placement of Underdrain System (attach color photographs)						
Height by wi	dth dimensions (in f	eet) of the underd	rain per the approved detailed plans	. 3 ft. X 8 ft.			
Actual constr	ucted height by widt	h dimensions (in	feet) of the underdrain.	4 ft. X 15 ft.			
Yes or No	Where applicable,	enter the appropri	ate response to the following. If not	applicable, enter "NA".			
Y	Durable rock is free of shale, fines, and other contaminants.						
Y	The rock grading is in accordance with the approved design.						
N.A.	Rock is being place	ed by selective har	adling from the toe of the fill.				
N.A.	The keyway cut wa	s constructed in a	ccordance with the approved design	•			
N.A.	The rock toe buttre	ss was constructed	l in accordance with the approved d	esign.			
N.A.	The filter systems f	or the underdrain(s) were constructed in accordance v	vith the approved design.			
N.A.	Lateral drains were	placed to all sprir	ngs and potential seeps.				
		Installatio	n of the Surface Drainage System				
Y	Sediment ponds we	re installed prior t	o any fill construction disturbance.				
Y	Temporary diversion	on ditches, if appli	cable, were installed in accordance	with the approved design.	-		
Y	Permanent diversio	n ditches, side dra	ins and terraces are installed in acco	ordance with the approved design	s, and		
Y	- are placed on the	proper grade(s).					
Y	- are constructed in	accordance with	the approved design dimensions.				
R; B	diversion ditches, a	nd terraces by ente	n techniques used in the side drains, ering "R" for rock rip rap; "B" for 's for other (specify).				
Y	The rip rap meets th	ne design specifica	ations for depth and grading.				

AHB 103.07

diversions above the fill.

Placement and Compaction of Materials				
Yes or No	Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".			
N.A.	The material is placed in 4 feet lifts or less as specified in the approved of	design.		
Y	The haulage vehicles are routed to achieve compaction.			
	List other methods of compaction utilized in the fill construction.	Dozers spread material.		
	What is the percent of compaction?	N.A.		
	What is the moisture content of the material at the time of placement?	N.A.		
Y	Potentially toxic or acid forming material is being handled according to the approved plans.			
Y	This is a durable rock fill composed of 80% durable rock, and			
Y	- with the clay or shale dispersed properly.			
Y	- the spoil is dumped at the approved locations.			
Y	- the bench height above the completed portions are no greater than 50 f	èet.		
	Vegetation			
Y	Topsoiling and seeding are conducted concurrently with terrace completion.			
Y	Seeding is in accordance with the approved mixtures and rates.			
100%	Indicate the approximate percentage of ground cover.			
	Sketch of Fill(s) and Support Structure(s)			

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- 6. the limits of topsoil removal.
- 7. the location of any surface or ground water discharges.
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Comments

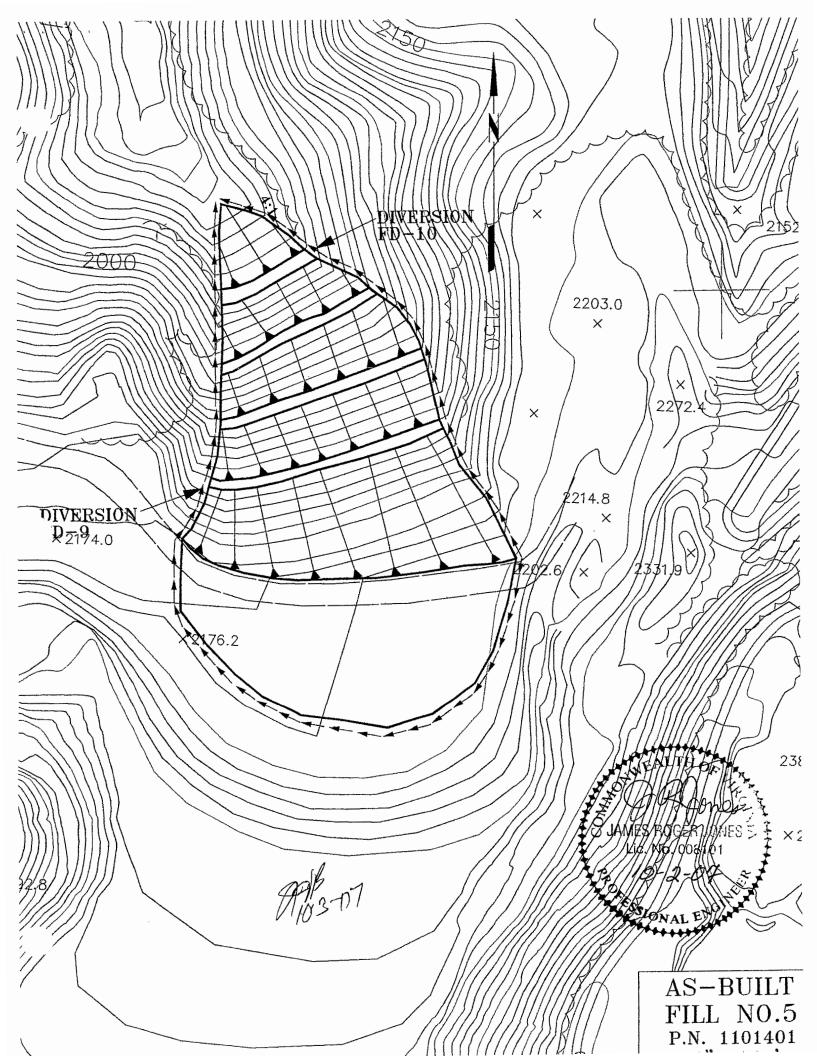
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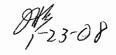
JAMES ROGER JONES

Lic. No. 008101

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EXCESS SPOIL FILLS AND REFUSE EMBANKMENTS CONSTRUCTION CERTIFICATION

CONSTRUCTION CERTIFICATION								
COMPA	NY NAME	Rec	l River Coal C	Company, Inc.	PER	MIT NO.	1101401	
Fill Number	6		Type of Fill	VF				
Enter "A" if "C" combina		n conc		e of construction; "B" a quar	rterly insp		inal inspection; or Quarter 2007	F
- Comonia			Removal	of Organic Materials and	Topsoil			
Distance in f	eet that clearing	and g		s precede spoil placement.	$\overline{}$	3		· · · · · · · · · · · · · · · · · · ·
				ede spoil placement.)		
Yes or No	Where applic	able, c	enter the appropria	te response to the following	. If not app	olicable, enter	"NA".	
Y	Topsoil is ren	noved	to competent subs	oil or rock.		***************************************		
Y	All topsoil is	being	stockpiled or place	ed on completed portions.				
	•		Placement of Un	derdrain System (attach co	olor photog	graphs)		
Height by wi	Height by width dimensions (in feet) of the underdrain per the approved detailed plans. 4 ft. X 16 ft.							
Actual const	Actual constructed height by width dimensions (in feet) of the underdrain. 10+ ft. X 20+ ft.							
Yes or No	Where applic	able, e	enter the appropria	te response to the following	. If not app	olicable, enter	"NA".	
Y	Durable rock	fill is	free of shale, fines	, and other contaminants.				
Y	The rock grad	ling is	in accordance with	n the approved design.				
N.A.	Rock is being	place	d by selective hand	lling from the toe of the fill.				
N.A.	The keyway c	ut was	s constructed in acc	cordance with the approved	design.			
N.A.	The rock toe	outtres	ss was constructed	in accordance with the appr	oved desig	âu		
N.A.	The filter syst	ems fo	or the underdrain(s) were constructed in accord	lance with	the approved	design.	
N.A.	Lateral drains	weге	placed to all spring	gs and potential seeps.				
		·····	Installatio	on of the Surface Drainage	System			
Y	Sediment pon	ds we	re installed prior to	any fill construction disturt	oance.			
Y	Temporary di	versio	n ditches, if applic	able, were installed in accor	dance with	the approved	l design.	
Y	Permanent diversion ditches, side drains and terraces are installed in accordance with the approved designs, and							
Y	- are placed o	n the	proper grade(s).					
Y	- are construc	ted in	accordance with t	ne approved design dimensi	ons.			
R; B	diversion ditcl	ies, ar	erosion protection ad terraces by enter tion; and "O" for o	techniques used in the side or ring "R" for rock rip rap; "B ther (specify).	drains, " for bed			

The rip rap meets the design specifications for depth and grading.

Y

JAB .-> 2-28

NOTE: See approved drawings. The fill is complete and

part of the fill. After grading to the final

seeded to the third terrace level. Backfill material

configuration as-built drawings will be submitted.

has been placed in the area above the southern

	Placement and Compaction of Materials			
Yes or No	Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".			
Y	The material is placed in 4 feet lifts or less as specified in the approved do	esign.		
Y	The haulage vehicles are routed to achieve compaction.			
	List other methods of compaction utilized in the fill construction.	Dozers spread material.		
	What is the percent of compaction?	N.A.		
	What is the moisture content of the material at the time of placement?	N.A.		
Y	Potentially toxic or acid forming material is being handled according to the	e approved plans.		
Y	This is a durable rock fill composed of 80% durable rock, and			
Y	- with the clay or shale dispersed properly.			
Y	- the spoil is dumped at the approved locations.			
Y - the bench height above the completed portions are no greater than 50 feet.				
	Vegetation			
Y	Y Topsoiling and seeding are conducted concurrently with terrace completion.			
Y	Seeding is in accordance with the approved mixtures and rates.			
100%	Indicate the approximate percentage of ground cover.			
	Sketch of Fill(s) and Support Structure(s)		

Submit a sketch (on a separate sheet) of each fill and supporting structures which are subject to this certification. Include the following information:

- 1. approximate North.
- 2. outline of the fill area.
- 3. location of sediment control structure(s).
- 4. number and location of completed terraces.
- 5. the limits of organic material removal.
- 6. the limits of topsoil removal.
- 7. the location of any surface or ground water discharges.
- 8. the location of all underdrains and diversion ditches.
- 9. discuss any changes to be made, variations from the approved design, and any improper practices encountered.

Comments

No instability noted. Final report, see attached as built drawing.

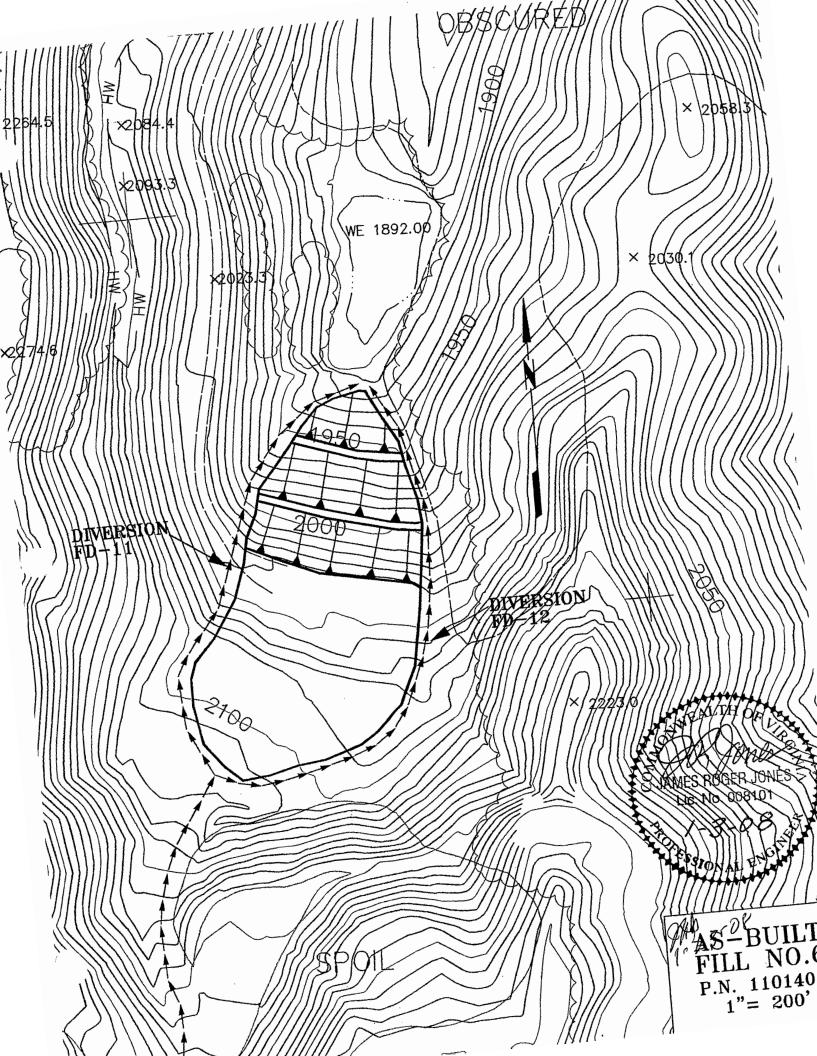
Certification by Registered Professional Engineer

I certify that the aforementioned fill is constructed and installed in accordance with the requirements of the Virginia Coal Surface Mining Reclamation Regulations and as per the approved design(s).

CERTIFIED BY:	James Roger Jones	Certification/Lic.No.	008101
SIGNATURE:	J.R. Johls WEALTH	OF Date:	1-3-08

PLACE SEAL HERE

JAMES ROGER JONES Lic. No. 00\$101







EXCESS SPOIL FILLS AND REFUSE EMBANKMENTS CONSTRUCTION CERTIFICATION

CO15:17	CONSTRUCTION CERTIFICATION COMPANY NAME Red River Coal Company, Inc. PERMIT NO. 1101401							
COMPAN	YNAME	Rec	1 River Coal (Company, Inc.	PERM	MIT NO.	1101401	
Fill Number	7		Type of Fill	VF				
	his Certification "C" combina		ncerns a critical st	age of construction; "B" a qua	arterly ins		' a final Quarter 2007	F
			Removal	of Organic Materials and T	Copsoil			
Distance in fe	et that clearin	g and	grubbing operation	ons precede spoil placement.	0			
Distance in fe	et that topsoil	remo	val operations pre	cede spoil placement.	0			
Yes or No	Yes or No Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".							
Y	Topsoil is rer	noved	to competent sub	soil or rock.				
Y	All topsoil is	being	stockpiled or pla	ced on completed portions.				<u></u>
]	Placement of Un	derdrain System (attach colo	r photog	raphs)		
Height by wic	lth dimension	s (in f	eet) of the underd	rain per the approved detailed	l plans.	4 ft. X 16	ft.	
Actual constr	ucted height by	y widt	h dimensions (in	feet) of the underdrain.		10+ ft. X 1	0+ ft.	
Yes or No	Where applic	able,	enter the appropri	ate response to the following.	If not ap	plicable, ent	er "NA".	
Y	Durable rock	is fre	e of shale, fines, a	nd other contaminants.				
Y	The rock grad	ling is	in accordance wi	th the approved design.				
N.A.	Rock is being	g place	ed by selective har	ndling from the toe of the fill.				
N.A.	The keyway o	cut wa	s constructed in a	ccordance with the approved	design.			
N.A.	The rock toe	buttre	ss was constructed	d in accordance with the appro	oved desi	gn.		
N.A.	The filter syst	tems f	or the underdrain((s) were constructed in accord	lance with	the approve	ed design.	
N.A.	Lateral drains	were	placed to all spri	ngs and potential seeps.				
			Installatio	on of the Surface Drainage S	System			
Y	Sediment pon	ıds we	re installed prior t	to any fill construction disturb	oance.			
Y	Temporary di	versio	on ditches, if appli	cable, were installed in accor	dance wit	th the approv	ved design.	
N.A.	Permanent diversion ditches, side drains and terraces are installed in accordance with the approved designs, and							
N.A.	- are placed of	on the	proper grade(s).					
N.A.	- are construc	cted in	accordance with	the approved design dimension	ons.			

Indicate the type of erosion protection techniques used in the side drains, diversion ditches, and terraces by entering "R" for rock rip rap; "B" for

bed rock; "V" for vegetation; and "O" for other (specify).

The rip rap meets the design specifications for depth and grading.

N.A.

N.A.

9XB103-07

NOTE: Internal road and mine benches serve

as diversions above the fill.

	Placement and Compaction of Materials	,		
Yes or No	Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".			
Y	The material is placed in 4 feet lifts or less as specified in the approved	design.		
Y	The haulage vehicles are routed to achieve compaction.			
	List other methods of compaction utilized in the fill construction. Dozers spread material.			
	What is the percent of compaction?	N.A.		
	What is the moisture content of the material at the time of placement? N.A.			
Y	Potentially toxic or acid forming material is being handled according to	the approved plans.		
Y	This is a durable rock fill composed of 80% durable rock, and			
Y	- with the clay or shale dispersed properly.			
Y	- the spoil is dumped at the approved locations.			
N.A.	- the bench height above the completed portions are no greater than 50 f	eet.		
	Vegetation			
Y	Topsoiling and seeding are conducted concurrently with terrace complet	ion.		
Y	Seeding is in accordance with the approved mixtures and rates.			
100%	Indicate the approximate percentage of ground cover.			
	Sketch of Fill(s) and Support Structure(s)			

Submit a sketch (on a separate sheet) of each fill and supporting structures which are subject to this certification. Include the following information:

1. approximate North.

2. outline of the fill area.

- 3. location of sediment control structure(s).
- 4. number and location of completed terraces.
- 5. the limits of organic material removal.
- 6. the limits of topsoil removal.
- 7. the location of any surface or ground water discharges.
- 8. the location of all underdrains and diversion ditches.
- 9. discuss any changes to be made, variations from the approved design, and any improper practices encountered.

Comments

Final certification, see attached drawing, no instability noted.

Certification by Registered Professional Engineer

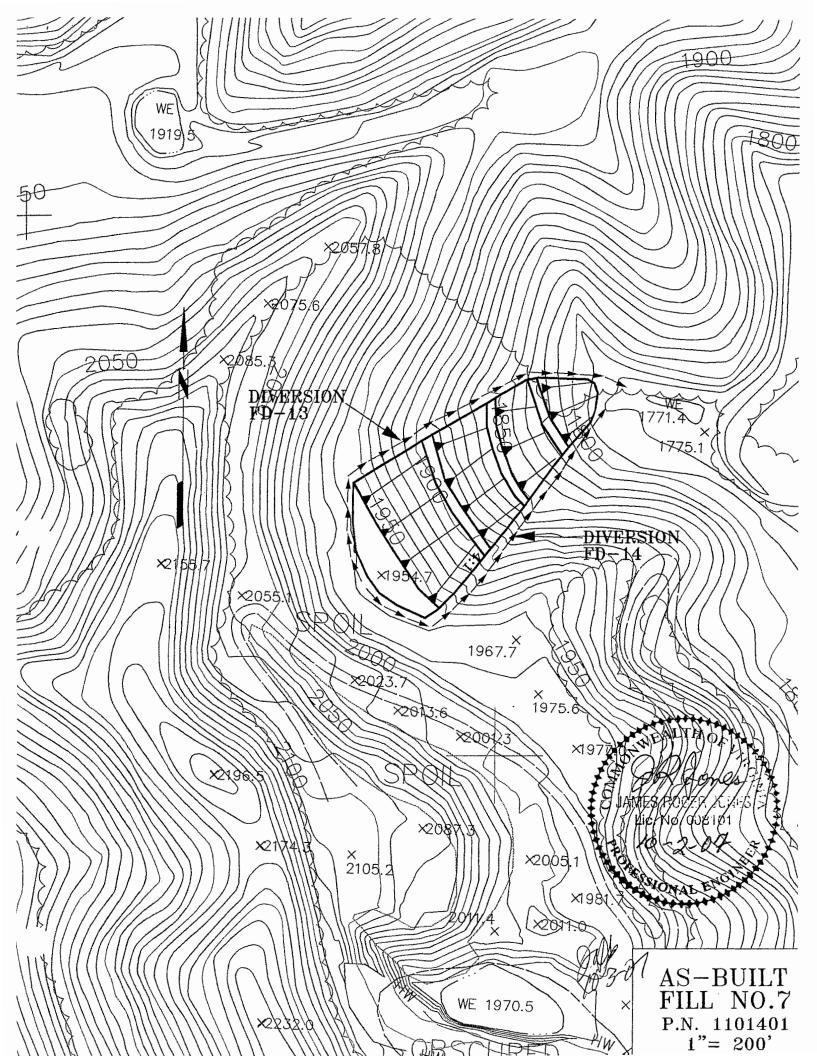
I certify that the aforementioned fill is constructed and installed in accordance with the requirements of the Virginia Coal Surface Mining Reclamation Regulations and as per the approved design(s).

CERTIFIED BY: James Roger Jones Certification/ Lic.No. 008101

SIGNATURE: Date: 10-2-07

PLACE SEAL HERE

JAMES ROGER : CHES Lic. No. 000101







COMPANY NAME	Red River Coal Company, Inc.	PERMIT NO.	1101401	

Fill Number	8	Type of Fill	VF	4-04-10-10-1	///
	his Certification cor	ncerns a critical st	age of construction; "B" a quarterly	inspection; "F" a final 3rd Quarter 2007	F
		Removal	of Organic Materials and Topsoi	l	
Distance in fe	et that clearing and	grubbing operation	ns precede spoil placement.	0	
Distance in fe	et that topsoil remo	val operations pre	cede spoil placement.	0	
Yes or No	Where applicable,	enter the appropri	ate response to the following. If not	applicable, enter "NA".	
Y	Topsoil is removed	to competent sub	soil or rock.		
Y	All topsoil is being stockpiled or placed on completed portions.				
	,	Placement of Un	derdrain System (attach color phot	ographs)	
Height by wid	lth dimensions (in f	eet) of the underd	rain per the approved detailed plans	2 ft. X 6 ft.	
Actual constr	ucted height by widt	h dimensions (in	feet) of the underdrain.	8 ft. X 16 ft.	
Yes or No	Where applicable,	enter the appropri	ate response to the following. If not	applicable, enter "NA".	
Y	Durable rock is free of shale, fines, and other contaminants.				
Y	The rock grading is	in accordance wi	th the approved design.		
N.A.	Rock is being place	ed by selective har	ndling from the toe of the fill.		
N.A.	The keyway cut wa	s constructed in a	ccordance with the approved design	L ·	
N.A.	The rock toe buttre	ss was constructed	d in accordance with the approved d	esign.	
N.A.	The filter systems f	or the underdrain	(s) were constructed in accordance v	with the approved design.	
N.A.	Lateral drains were	placed to all spri	ngs and potential seeps.		
		Installatio	on of the Surface Drainage System	ı	
Y	Sediment ponds we	re installed prior	to any fill construction disturbance.		
Y	Temporary diversion	on ditches, if appli	cable, were installed in accordance	with the approved design.	
Y	Permanent diversio	n ditches, side dra	ins and terraces are installed in acco	ordance with the approved design	s, and
Y	- are placed on the	proper grade(s).			
N	- are constructed in	accordance with	the approved design dimensions.		
R; B	diversion ditches, a	nd terraces by ent	n techniques used in the side drains, ering "R" for rock rip rap; "B" for "for other (specify).		
Y	The rip rap meets the	ne design specific	ations for depth and grading.		

	Placement and Compaction of Materials	0 70 3 0 7				
Yes or No	Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".					
Y	The material is placed in 4 feet lifts or less as specified in the approved	design.				
Y	The haulage vehicles are routed to achieve compaction.					
	List other methods of compaction utilized in the fill construction. Dozers spread material.					
	What is the percent of compaction?	N.A.				
	What is the moisture content of the material at the time of placement?	N.A.				
Y	Potentially toxic or acid forming material is being handled according to the approved plans.					
Y	This is a durable rock fill composed of 80% durable rock, and					
Y	- with the clay or shale dispersed properly.					
Y	- the spoil is dumped at the approved locations.					
Y	- the bench height above the completed portions are no greater than 50 feet.					
	Vegetation					
Y	Topsoiling and seeding are conducted concurrently with terrace complet	ion.				
Υ .	Seeding is in accordance with the approved mixtures and rates.					
100%	Indicate the approximate percentage of ground cover.					
	Sketch of Fill(s) and Support Structure(s)					

Submit a sketch (on a separate sheet) of each fill and supporting structures which are subject to this certification. Include the following information: NOTE: Internal roads and mine benches serve as

1. approximate North.

2. outline of the fill area.

- 3. location of sediment control structure(s).
- 4. number and location of completed terraces.
- 5. the limits of organic material removal.
- 6. the limits of topsoil removal.
- 7. the location of any surface or ground water discharges.
- 8. the location of all underdrains and diversion ditches.
- 9. discuss any changes to be made, variations from the approved design, and any improper practices encountered.

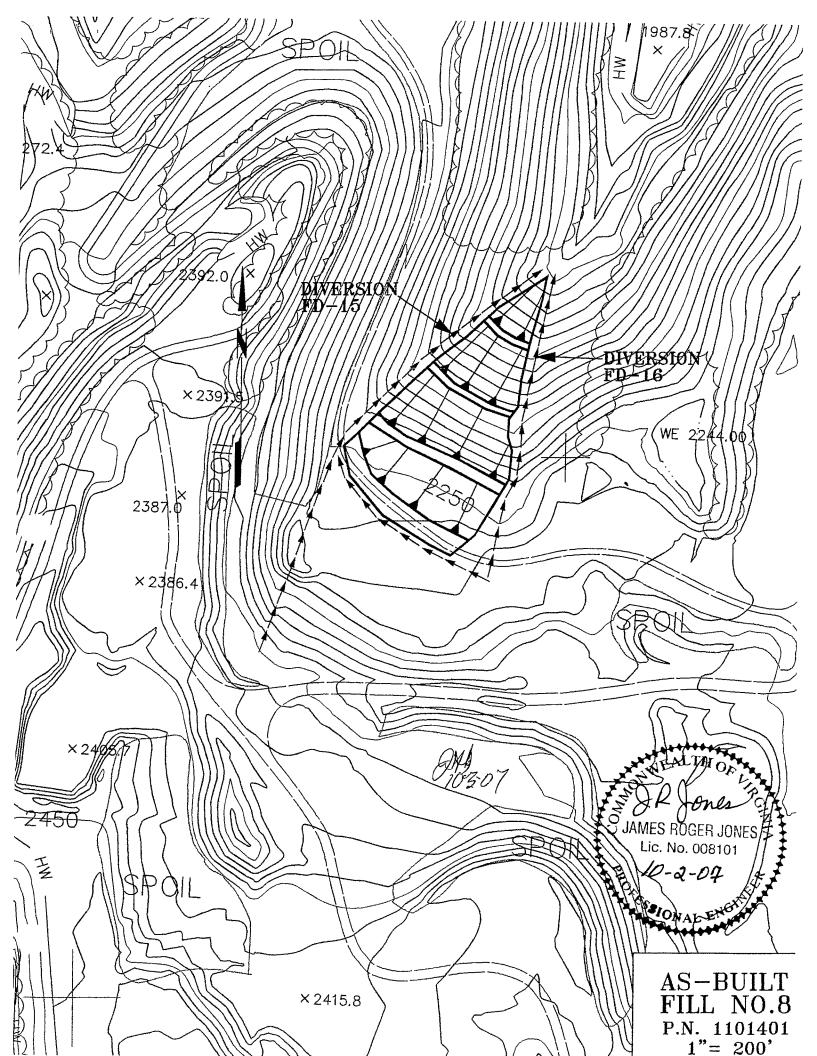
diversions above the fill.

Final certification, see attached drawing, no instability noted.

Certification by Registered Professional Engineer I certify that the aforementioned fill is constructed and installed in accordance with the requirements of the Virginia Coal Surface Mining Reclamation Regulations and as per the approved design(s). **CERTIFIED BY:** James Roger Jones Certification/Lic.No. 008101 SIGNATURE: 10-2-07 Date: S JAMES ROGER JONES

PLACE SEAL HERE

Lic. No. 008101





Klaroj

COMPAN	NY NAME	Red	l River Coal C	Company, Inc.	PE	RMIT NO.	1101760	
Fill Number	2		Type of Fill	VF (Durable Rock)				
Enter "A" if	his Certification tion.	n conc	erns a critical stag	e of construction; "B" a qu	arterly in	spection; "F" a f 4th Quarter	inal inspection; or 2006	F
			Removal	of Organic Materials at	nd Topso	1		
Distance in f	eet that clearing	and g	rubbing operation	s precede spoil placement	-	25		
Distance in f	eet that topsoil i	remov	al operations prece	ede spoil placement.		25		y=1.07
Ves or No	s or No Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".							
Y	Topsoil is ren	Topsoil is removed to competent subsoil or rock.						
¥	All topsoil is	being	stockpiled or place	ed on completed portions.				
			Placement of Un	derdrain System (attach	color pho	ographs)		
Height by wi	Height by width dimensions (in feet) of the underdrain per the approved detailed plans. N.A.						10 Tol speak tribe haden 14 T to 15	
Actual const	ucted height by	width	dimensions (in f	eet) of the underdrain.		8 x 16		
Yes or No	Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".							
Ý	Durable rock	fill is f	free of shale, fines	, and other contaminants.				
Y	The rock grad	ling is	in accordance wit	h the approved design.			TO THE PARTY OF TH	
N.A.	Rock is being	place	d by selective hand	lling from the toe of the fil	11.			
N.A.	The keyway e	ut was	constructed in ac-	cordance with the approve	d design.			
N:A:	The rock toe b	outtres	s was constructed	in accordance with the ap	proved de	sign.		
Ñ.A.	The filter syste	ems fo	r the underdrain(s) were constructed in acco	ordance w	th the approved	design.	
Ñ.A.	Lateral drains	were j	placed to all sprin	gs and potential seeps.				
			Installatio	on of the Surface Draina	ge Syster	i		
Y	Sediment pon	ds wer	e installed prior to	any fill construction distr	ırbance.		w ==== w======	
Y	Temporary div	version	a ditches, if applic	able, were installed in acc	ordance w	ith the approved	l design.	all the deposits also also the the
Ÿ	Permanent div	ersion	ditches, side drai	ns and terraces are installe	ed in accor	dance with the	approved designs, a	nd
Y	- are placed o	n the p	oroper grade(s).					
Ÿ	- are construc	ted in	accordance with t	he approved design dimen	sions.			
R; B; V	diversion ditch	ies, an		techniques used in the sid ring "R" for rock rip rap; " ther (specify).		1		
Y	The rip rap me	ets the	e design specificat	tions for depth and grading	z.			

KC , 901

	Placement and Compaction of Materials	0101				
Yes or No	Where applicable, enter the appropriate response to the following. If not applicable, enter "NA".					
N.A.	The material is placed in 4 feet lifts or less as specified in the approved design.					
Ÿ	The haulage vehicles are routed to achieve compaction.					
	List other methods of compaction utilized in the fill construction. N.A.					
	What is the percent of compaction?	N.A.				
	What is the moisture content of the material at the time of placement?	N.A.				
Y	Potentially toxic or acid forming material is being handled according to th	Potentially toxic or acid forming material is being handled according to the approved plans.				
Ÿ	This is a durable rock fill composed of 80% durable rock, and					
Y	- with the clay or shale dispersed properly.					
Y	- the spoil is dumped at the approved locations.					
¥	- the bench height above the completed portions are no greater than 50 fe	et.				
	Vegetation					
Y	Topsoiling and seeding are conducted concurrently with terrace completion	Dn.				
Y	Seeding is in accordance with the approved mixtures and rates.					
100%	Indicate the approximate percentage of ground cover.					
	Sketch of Fill(s) and Support Structure(s)					

Sketch of Fill(s) and Support Structure(s)

Submit a sketch (on a separate sheet) of each fill and supporting structures which are subject to this certification. Include the following information:

- g information:

 1. approximate North.

 2. outline of the fill area.

 3. location of sediment control structure(s).

 4. number and location of completed terraces.

 5. the limits of organic material removal.

 6. the limits of topsoil removal.

 7. the location of any surface or ground water discharges.

 8. the location of all underdrains and diversion ditches.

 9. discuss any changes to be made, variations from the approved design, and any improper practices encountered.

Comments

	Certification by Registered Professional Engineer							
I certify that the afore Mining Reclamation	ementioned in security and installed in n Regulations and as perane approved design	accordance with the requirements of the Virgins.	nia Coal Surface					
CERTIFIED BY:	JAMES ROGER JONES	Certification/Registration No.	08101					
SIGNATURE:	18 Of Cones	Date:	1-3-07					
	No. 08101							
	PLACESEAL HERE							



COMPANY NAME Red River Coal Company, Inc. PH	PERMIT NO.	1101760
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Fill No.	3 Type of Fill	VF		DMLR Fill Id. No.	F0	5925	MPID a	it toe	0003994
	Type of construction certification: B Quarter 1, 2010; Final Inspection; Fill is complete								
	Current Location of Toe of Fill (NAD83 Virginia South State Plane Coordinates) Northing 3,548,802.83270 Easting 10,252,812.80140								
	Removal of Organic Materials and Topsoil								
Distance in f	Distance in feet that clearing and grubbing operations precede spoil placement.								
Distance in f	eet that topsoil removal operation	ns prec	ede s	poil placement.		20			
	Where applicable, enter the a	ppropri	iate re	esponse to the following	g. If	not applicat	ole, enter	"NA".	
Y	Topsoil is removed to compe	tent sub	osoil o	or rock.					
Y	All topsoil is being stockpile	d or pla	ced o	n completed portions.					
	Placement	of Und	erdra	ain System (attach colo	or ph	otographs)			
	Height by width dimensions (in feet) of the underdrain per the approved detailed plans. NA								
	Actual constructed height by width dimensions (in feet) of the underdrain. 6 X 4								
Y	Durable rock is free of shale, fines, and other contaminants.								
Ÿ	The rock grading is in accordance with the approved design.								
NA	Rock is being placed by selective handling from the toe of the fill.								
NA	The keyway cut was construct	cted in a	accor	dance with the approve	d de	sign.			
NA	The rock toe buttress was constructed in accordance with the approved design.								
NA	The filter systems for the unc	lerdrain	(s) w	ere constructed in accor	rdan	ce with the	approved	design	l .
NA	Lateral drains were placed to	all sprii	ngs a	nd potential seeps.					
1	Inst	allation	n of t	he Surface Drainage S	Syste	em			
Y	Sediment ponds were installe	d prior t	to any	fill construction distur	rban	ce.			
Y	Temporary diversion ditches, if applicable, were installed in accordance with the approved design.								
Y	Permanent diversion ditches, side drains and terraces are installed in accordance with the approved designs, and								
Y	- are placed on the proper grade(s).								
Y	- are constructed in accordance	e with	the ap	oproved design dimensi	ions.		- T		
R; B; V	R; B; V Indicate the type of erosion protection techniques used in the side drains, diversion ditches, and terraces by entering "R" for rock rip rap; "B" for bed rock; "V" for vegetation; and "O" for other (specify)								
Y	The rip rap meets the design s	necifica	tions	for depth and grading.					

	Placement and Compaction of Materials					
NA	The material is placed in 4 feet lifts or less as specified in the approved design.					
Y	The haulage vehicles are routed to achieve compaction.					
	List other methods of compaction utilized in the fill construction.	NA				
	What is the percent of compaction?	NA				
	What is the moisture content of the material at the time of placement? NA					
Y	Y Potentially toxic or acid forming material is being handled according to the approved plans.					
Y	This is a durable rock fill composed of 80% durable rock, and					
Y	- with the clay or shale dispersed properly.					
Y	- the spoil is dumped at the approved locations.					
Y	- the bench height above the completed portions are no greater than 50 feet.					
	Vegetation					
Y	Y Topsoiling and seeding are conducted concurrently with terrace completion.					
Y	Seeding is in accordance with the approved mixtures and rates.					
100%	100% Indicate the approximate percentage of ground cover.					

Sketch of Fili(s) and Support Structure(s)

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- 4. number and location of completed terraces.
- 5. the limits of organic material removal.
- 6. the limits of topsoil removal.
- 7. the location of any surface or ground water discharges.
- 8. the location of all underdrains and diversion ditches.
- 9. discuss any changes to be made, variations from the approved design, and any improper practices encountered.

Comments

Qtr.2, 2006: Clearing and grubbing of the center of the hollow has been performed. The underdrain system has been constructed by natural segregation of dumped material. The underdrain will be enlarged when future spoil placement takes place.

Qtr.3, 2006: Additional spoil material has been placed for first and second terrace and construction has started on side drains.

Qtr 4, 2006: Additional spoil material has been placed for third lift. Side drains have been completed for first and second lifts. First and second lifts have been seeded. No instability noted.

Otr 1, 2007: No Additional spoil material has been placed during this quarter. No instability noted.

Qtr 2, 2007: No Additional spoil material has been placed during this quarter. No instability noted.

Otr 3, 2007: No Additional spoil material has been placed during this quarter. No instability noted.

Otr 4, 2007: No Additional spoil material has been placed during this quarter. No instability noted.

Qtr 1, 2008: No Additional spoil material has been placed during this quarter. No instability noted.

Qtr 2, 2008: Additional spoil material has been placed on third lift during this quarter. No instability noted.

Qtr 3, 2008: No instability noted.

Qtr 4, 2008: No instability noted.

Qtr 1, 2009: Some additional spoil material and grading has been done on third and final lift during this quarter. No instability noted.

Qtr 2, 2009: Some additional spoil material added, grading, side diversions and seeding has been done on third and final lift during this quarter. No instability noted.

Qtr 3, 2009: Some additional, grading, side diversions and seeding has been done on third and final lift during this quarter. No instability noted.

Qtr 4, 2009: No Additional grading has been done during this quarter. No instability noted.

Qtr 1, 2010: The fill is now complete and this is the final inspection report.

No Additional grading has been done during this quarter. No instability noted.

See attached as built drawing.

Sediment Pond No. 20 is located directly below HF#3 and the pond was cleaned out of collected sediment in the fall of 2009.

Groin ditches are in place to carry runoff around the fill. The diversion ditches are all trapezoidal as built.

There exist three terraces, a top lift and diversion ditches as built. A stability analysis of the as built fill has been done and is included and shows the fill is stable.

	Additional Dat	a for Final Fill Certifica	ation	
Attach pdf and dwg files	(must include original and fina	l contour lines) and digital pho	otos.	
See included files	s on CD.			
Total volume (mcy)	0.411	*	Footprint (acres)	8.21
	sed to determine final fill volun	ne. Design Volume 1.171 mcy		
By contours and	average end area vol			
	Linear fe	et of stream covered by fill		
Ephemeral (ft)	Intermittent (ft)	Perennial (ft)	Total covered ((ft)
0	1000	0	10	000

Certification by Registered Professional Engineer

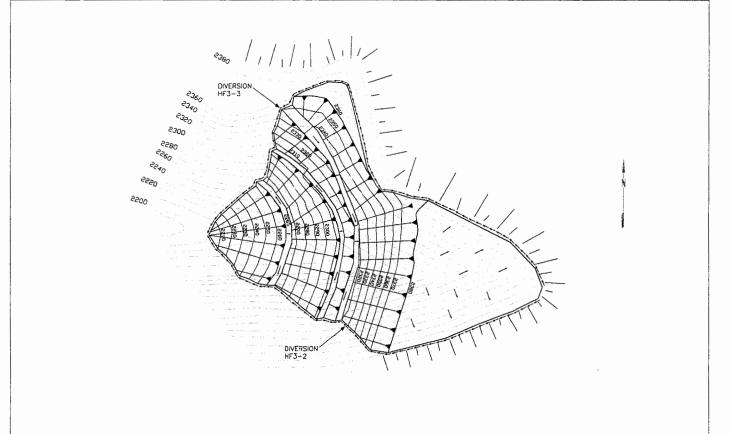
I certify that the aforementioned fill is constructed and installed in accordance with the requirements of the Virginia Coal Surface Mining Reclamation Regulations and as per the approved design(s).

CERTIFIED BY:	James Roger Jones	Certification/Registration No.	008101
SIGNATURE:		Date:	5/18/2010



Digitally signed by James R James

DN: CN = James R Jones, C = US, O = DST ACES Business Representative, OU = RED RIVER COAL COMPANY INC.
Reason: I attest to the accuracy and integrity of this document Date: 2010.05.18 10:16:38 -Date: 2010.05.18 10:16:38 -04'00'



Jame Digitally eigned by James R. Jones B. Dix Chie James R. Dix Chie James R. Single S. Dix Chie James D. Dix Chie Jame

AS-BUILT FILL NO.3 P.N.1101760 DATE: 4/7/10 SCALE: 1" = 100'





COMPANY NAME	Red River Coal Company, Inc.	PERMIT NO.	1101760
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Fill No.	4	Type of Fill	V	F	DMLR Fill Id. No.	F05926	MPID	at toe	0003995
	struction certific	<u> </u>	В		r 1, 2010; Final Inspecti			at toe	1 0003773
Current Loc	Current Location of Toe of Fill (NAD83 Northing 3,547,580.73350 Easting 10,252,170.49470							,170.49470	
	Removal of Organic Materials and Topsoil								
Distance in feet that clearing and grubbing operations precede spoil placement. 25									
Distance in	feet that topsoil re	emoval operati	ons pi	recede sp	oil placement.	25			
	Where application	able, enter the	appro	priate res	sponse to the following.	If not applicab	le, ente	r "NA".	
Y	Topsoil is ren	noved to compe	etent s	subsoil o	r rock.				
Y	All topsoil is l	being stockpile	d or p	laced on	completed portions.				
		Placement	of Ur	nderdrai	in System (attach color	photographs)			
	Height by wid	th dimensions	(in fe	et) of the	underdrain per the app	roved detailed	plans.	NA	
	Actual constru	icted height by	width	dimens	ions (in feet) of the und	lerdrain.		NA	
Y	Durable rock is free of shale, fines, and other contaminants.								
Y	The rock grading is in accordance with the approved design.								
NA	Rock is being placed by selective handling from the toe of the fill.								
NA The keyway cut was constructed in accordance with the approved design.									
NA	The rock toe buttress was constructed in accordance with the approved design.								
NA	The filter systems for the underdrain(s) were constructed in accordance with the approved design.								
NA	Lateral drains were placed to all springs and potential seeps.								
		Inst	allatio	on of the	Surface Drainage Sys	tem			
Y	Sediment pond	s were installed	l prior	to any f	ill construction disturba	ince.			
Y	Temporary diversion ditches, if applicable, were installed in accordance with the approved design.								
Y	Permanent diversion ditches, side drains and terraces are installed in accordance with the approved designs, and								
Y	- are placed on the proper grade(s).								
Y	- are constructe	ed in accordance	e witl	h the app	proved design dimension	ıs.			
R		races by enterio	ng "R'	" for roc	iques used in the side dik rip rap; "B" for bed ro				
Y	The rip rap mee	ets the design s	pecifi	cations f	or depth and grading.				

Placement and Compaction of Materials							
NA	The material is placed in 4 feet lifts or less as specified in the approved design.						
Y	The haulage vehicles are routed to achieve compaction.	The haulage vehicles are routed to achieve compaction.					
	List other methods of compaction utilized in the fill construction.	NA					
	What is the percent of compaction?	NA					
	What is the moisture content of the material at the time of placement?	NA					
Y	Potentially toxic or acid forming material is being handled according to the approved plans.						
Y	This is a durable rock fill composed of 80% durable rock, and						
Y	- with the clay or shale dispersed properly.						
Y	- the spoil is dumped at the approved locations.						
Y	- the bench height above the completed portions are no greater than 50 feet.						
	Vegetation						
Y	Topsoiling and seeding are conducted concurrently with terrace completion.						
Y	Seeding is in accordance with the approved mixtures and rates.						
100%	Indicate the approximate percentage of ground cover.						

Sketch of Fill(s) and Support Structure(s)

Submit a sketch (on a separate sheet) of each fill and supporting structures which are subject to this certification. Include the following information:

- 1. approximate North.
- 2. outline of the fill area.
- 3. location of sediment control structure(s).
- 4. number and location of completed terraces.
- 5. the limits of organic material removal.
- 6. the limits of topsoil removal.
- 7. the location of any surface or ground water discharges.
- 8. the location of all underdrains and diversion ditches.
- 9. discuss any changes to be made, variations from the approved design, and any improper practices encountered.

Comments

Qtr. 1, 2007, first report, pond 23 was constructed below the fill and approximately 35% of clearing and grubbing has been completed.

Qtr. 2, 2007, clearing and grubbing has been completed and some durable rock has been end dumped into the fill establishing the rock blanket underdrain.

Otr. 3&4, 2007 additional durable rock has been placed.

Qtr. 1, 2008 additional durable rock has been placed.

Qtr. 2, 2008 additional durable rock has been placed, lift one and terrace one has been graded and seeded, side diversions constructed.

Qtr. 3, 2008 some additional durable rock has been placed for lift 2, side diversions construction not yet completed, some material placed in lift 3 but face has not been started.

Qtr.4, 2008 side drains cut but not all rock rip rap has been placed, some additional grading on terrace levels.

Qtr 1, 2009: Some additional spoil material and grading has been done on third and final lift during this quarter. No instability noted.

Qtr 2, 2009: Some additional spoil material and grading has been done on third and final lift during this quarter. Initial placing of rock rip rap was put in the side diversions up to the top terrace completed. Some additional backhoe finish placing and shaping of rock in side drains still needed and some minor erosion problems associated with same are noted. No fill instability noted.

Qtr 3, 2009: Some additional spoil material and grading has been done on third and final lift during this quarter. Initial placing of rock rip rap was put in the side diversions up to the top terrace completed. Some additional backhoe finish placing and shaping of rock in side drains and some minor erosion repairs associated with same have been completed. No fill instability noted.

Qtr 4, 2009: Some additional backhoe finish placing and shaping of rock in side drains and some minor erosion repairs associated with same have been completed. No fill instability noted.

Qtr 1, 2010: The fill is now complete and this is the final inspection report.

No Additional grading has been done during this quarter. No instability noted.

See attached as built drawing.

Sediment Pond No. 23 is located directly below HF#4.

Groin ditches are in place to carry runoff around the fill. The diversion ditches are all trapezoidal as built.

There exist several terraces, a top lift and trapezoidal diversion ditches as built. A stability analysis of the as built fill has been done and is included and shows the fill is stable as built.

Additional Data for Final Fill Certification							
Attach pdf and dwg files (must include original and final contour lines) and digital photos.							
See files included on CD.							
Total volume (mcy) 0.416 Footprint (acres) 8.16							
	ed to determine final fill volun	ne. Design volume 1.322 mcv.	1 (((()				
•	average end area vol	•					
Linear feet of stream covered by fill							
Ephemeral (ft)	Ephemeral (ft) Intermittent (ft) Perennial (ft) Total covered (ft)						
0	1500	0		1500			

Certification by Registered Professional Engineer

I certify that the aforementioned fill is constructed and installed in accordance with the requirements of the **Virginia Coal Surface Mining Reclamation Regulations** and as per the approved design(s).

CERTIFIED BY: James Roger Jones		Certification/Registration No.	008101	
SIGNATURE:		Date:	5/13/2010	



James R Jones Digitally signed by James R Jones DN: CN = James R Jones, C = US, O = DST ACES Business Representative, OU = RED RIVER COAL COMPANY INC. Reason: I attest to the accuracy and integrity of this document Date: 2010.05.13 10:28:17 - 04'00'

PLACE SEAL HERE

